



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **Anand G. Dabak, et al.**

Docket No.: **TI-28441B**

Serial No.: **10/659,906**

Examiner: **TBD**

Filed: **09/11/2003**

Art Unit: **2681**

For: **Space Time Block Coded Transmit  
Antenna Diversity For WCDMA**

Conf. No.: **4191**

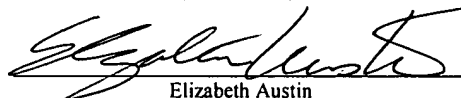
**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Alexandria, VA 22313-1450

Dear Sir:

**MAILING CERTIFICATE UNDER 37 C.F.R. § 1.8(A)**


I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on April 23, 2004.

  
Elizabeth Austin

In response to the Search Report received from the European Patent Office (a copy of which is enclosed), Applicant wishes to bring to the attention of the U.S. Patents and Trademarks Office the information noted on the enclosed PTO-1449. Copies of the cited references are enclosed.

No fee is believed by Applicant to be due; however, the Commissioner is hereby authorized and requested to charge any necessary fee to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,



Ronald O. Neerings  
Attorney for Applicants  
Reg. No. 34,227

Texas Instruments Incorporated  
P. O. Box 655474, MS 3999  
Dallas, Texas 75265  
(972) 917-5299

Please type a plus sign (+) inside this box ^

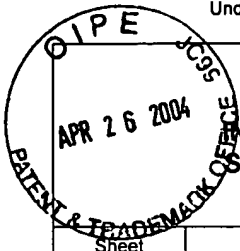


PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for Form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

### Complete If Known

Application Number	10/659,906
Filing Date	09/11/2003
First Named Inventor	Anand G. Dabak, et al.
Group Art Unit	2681
Examiner Name	TBD
Attorney Docket No.	TI-28441B

Sheet 1 of 2

### U.S. PATENT DOCUMENTS

Exam. Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	AA	5,329,547		Ling	07/12/1994	
	AB					
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### FOREIGN PATENT DOCUMENTS

Exam. Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)				
	BA		EP 0 767 546 A2		AT&T Corp.	09/04/1997		
	BB							
	BC							
	BD							
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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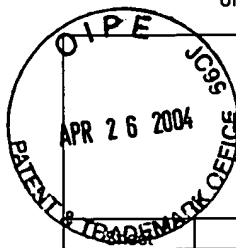
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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## Complete If Known

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Filing Date	09/11/2003
First Named Inventor	Anand G. Dabak, et al.
Group Art Unit	2681
Examiner Name	TBD
Attorney Docket No.	TI-28441B

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam. Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	"A Simple Transmit Diversity Technique for Wireless Communications", IEEE Journal on Selected Areas in Communications, IEEE Inc. New York, US, vol. 16, no. 8, October 1998, pp. 1451-1458, XP002100058, ISSN: 0733-8716	
	CB	"Channel Estimation Using Time Multiplexed Pilot Symbols for Coherent Rake Combining for DS-CDMA Mobile Radio", Personal, Indoor and Mobile Radio Communications, 1997. Waves of the Year 2000. PIMRC '97., The 8th IEEE International Symposium on Helsinki, Finland 1-4 Sept. 1997 New York, NY, USA, IEEE, US 1/09/1997, pp. 954-958, XP010247589, ISBN: 0-7803-3871-5	
	CC	"New Detection Schemes for Transmit Diversity with no Channel Estimation", Tarokh, V., et al., Universal Personal Communications, 1998. ICUPC '98. IEEE 1998 International conference on Florence, Italy, 5-9 Oct. 1998, New York, NY, USA, IEEE, US 5/10/1998, pp. 917-920, XP010315028, ISBN: 0-7803-5106-1	
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